

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Boden et al ) ) Group Art Unit: NYA  
Serial No.: NYA ) ) Examiner: NYA  
Filing Date: April 16, 2004 ) )  
For: NOVEL OPTICAL STORAGE )  
MATERIALS, METHODS OF )  
MAKING THE STORAGE )  
MATERIALS, AND METHODS )  
FOR STORING AND READING )  
DATA )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By: Karen A. Le Cuyer  
Karen A. LeCuyer PhD  
Registration No. 51,928

Date: April 16, 2004  
Cantor Colburn LLP  
(860) 286-2929

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
148466-1

In Re Application Of: **Boden et al**

Serial No.  
NYA

Filing Date  
April 16, 2004

Examiner  
NYA

Group Art Unit  
NYA

**Title: NOVEL OPTICAL STORAGE MATERIALS, METHODS OF MAKING THE  
STORAGE MATERIALS, AND METHODS FOR STORING AND READING DATA**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
148466-1

In Re Application: **Boden et al**

Serial No.  
NYA

Filing Date  
April 16, 2004

Examiner  
NYA

Group Art Unit  
NYA

**NOVEL OPTICAL STORAGE MATERIALS, METHODS OF MAKING THE  
STORAGE MATERIALS, AND METHODS FOR STORING AND READING DATA**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of \_\_\_\_\_ is attached.  
 The Director is hereby authorized to charge and credit Deposit Account No. **06-1130** as described below.  
 Charge the amount of \_\_\_\_\_  
 Credit any overpayment.  
 Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature

*Typed or Printed Name of Person Signing Certificate*

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on April 16, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Lindsay Wells*

*Signature of Person Mailing Correspondence*

Lindsay Wells via EXPRESS MAIL

*Typed or Printed Name of Person Mailing Certificate*

\*This certificate may only be used if paying by deposit account.

*Karen A. LeCuyer*  
Signature

Dated: **April 16, 2004**

Karen A. LeCuyer  
Registration No. 51,928  
Cantor Colburn LLP  
55 Griffin Road South  
Bloomfield, CT 06002  
(860) 286-2929

CC:

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>148466-1</b>		Application Number <b>NYA</b>	
				Applicant(s) <b>Boden et al</b>			
				Filing Date <b>April 16, 2004</b>		Group Art Unit <b>NYA</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>5,759,721</b>	<b>6/2/1998</b>	<b>Dhal et al</b>	<b>430</b>	<b>1</b>	<b>11/1/1996</b>
		<b>US 6,221,526 B1</b>	<b>4/24/01</b>	<b>Dhar et al</b>	<b>430</b>	<b>1</b>	<b>5/16/2000</b>
<b>FOREIGN PATENT DOCUMENTS</b>							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	<b>WO 02/19040 A2</b>	<b>3/7/2002</b>	<b>PCT</b>				✓
	<b>WO 99/26112</b>	<b>5/27/99</b>	<b>PCT</b>				✓
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		<b>Wang et al; "Three-Dimensional Optical Data Storage in a Fluorescent Dye-Doped Photopolymer"; APPLIED OPTICS; Vol. 39, No. 11; April 10, 2000; pages 1826-1834.</b>					
		<b>Suzuki et al; "Holographic Recording in TiO<sub>2</sub> Nanoparticle-dispersed Methacrylate Photopolymer Films"; APPLIED PHYSICS LETTERS; Vol. 81, No. 22; November 25, 2002; pages 4121-4123.</b>					
EXAMINER				DATE CONSIDERED			
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							